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From: Mike Johnson
Sent: Fri 5/12/2017 12:29:08 AM
Subject: Leviathan Mine Site - LAS status update

Lynda,

The purpose of this email is to provide EPA with an update of current site activities. Atlantic Richfield initiated capture at the Channel Underdrain (CUD) and Delta Seep (DS) today (Thursday May 11, 2016) at 11:54 and 11:37 Pacific Time, respectively. Flows are being conveyed to Pond 4. The HDS Treatment System began operating this morning in recirculation mode. Once the HDS Treatment System water quality parameters stabilized, we collected an effluent sample and confirmed that effluent surrogate field parameters were meeting discharge criteria:

- Total (dissolved) Fe = 0.03 mg/L
- Turbidity= 4.85 NTU
- pH= 8.20 s.u.

We began discharging treated effluent to Leviathan Creek at approximately 14:30 today. The influent flow rate into the HDS Treatment System is currently set at approximately 80 gallons per minute. We will continue to moderate the influent flow rate into the plant to approximately match the combined flow rate into Pond 4. Flow rates measured today at the CUD and DS (including flow from the Delta Slope underdrain collection system) were:

- CUD = 41.3 gpm
- DS = 35.9 gpm
- Combine Flow = 77.2 gpm

Please do not hesitate to contact me with any questions.

Thanks,

Mike Johnson, PE

Senior Engineer

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